

NOTES FOR GEORGIA TECH PRESIDENT G. WAYNE CLOUGH
National Science Foundation Site Visitation, October 22, 2004

- Pleasure to welcome this NSF STC team to Georgia Tech.
- Brief overview of Georgia Tech:
 - Top 10 public universities in nation (*US News*).
 - Among top 5 engineering programs in nation
 - ISyE ranked #1, BME ranked #2.
 - All engineering disciplines in top 15.
 - Nation's top producer of engineers – graduate over 2,400 a year.
 - Have a strong reputation for diversity:
 - National leader in graduating African-American and women engineers.
 - Have created an education “pipeline” with partner historic black institutions to offer engineering degrees to their students and provide summer research programs for them that help steer students toward graduate study.
 - Research:
 - \$342 million in awards, \$425 million in expenditures last year (top 35).
 - Among top 5 universities in nation in level of research activity with private industry.
 - Highly interdisciplinary: over \$100 million in active research contracts at 115 centers.
 - A leader in interdisciplinary endeavors relating to nanotechnology and biotechnology.
 - Technology transfer:
 - Founded in 1885 with an economic development mission that continues today.
 - National study by Southern Growth Policies Board identified Georgia Tech as #1 university in nation in tech transfer.
 - VentureLab identifies discoveries and technologies in Tech research labs that have commercial potential and shepherds through commercialization process.
 - ATDC: nation's oldest university-based business incubator has won long list of awards, including recent Commerce Dept Award.
- Want to personally express Georgia Tech's commitment to the Center for **Biologically-Enabled Advanced Materials and Micro/nanodevices (BEAM²)**:
 - Believe GT is the obvious place for this center:
 - Interdisciplinary climate
 - Tradition of close collaboration with industry
 - Combines two of our biggest research thrusts – nanotechnology and biotechnology
 - Two major buildings in the planning stages with construction to begin soon:
 - Molecular Science and Engineering Building.
 - Nanotechnology Research Center.

- Center fits into the larger research context of Georgia Tech, meshes well with our larger goals and strategy for growing our research enterprise. Ergo, we have every reason to make it a success.
- BEAM² is a highly interdisciplinary with enormous potential to have a large technological impact. Georgia Tech is committed to it, and it would benefit greatly from the level of significant and sustained support that is provided to NSF Science and Technology Centers. Appreciate your interest and consideration.